

FIG. 1

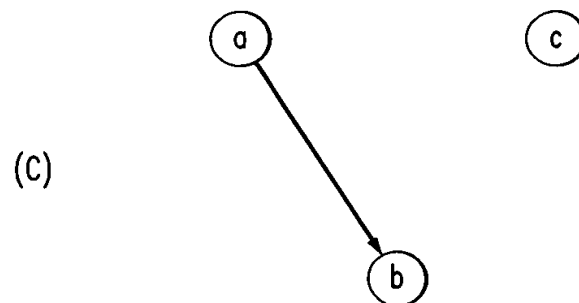
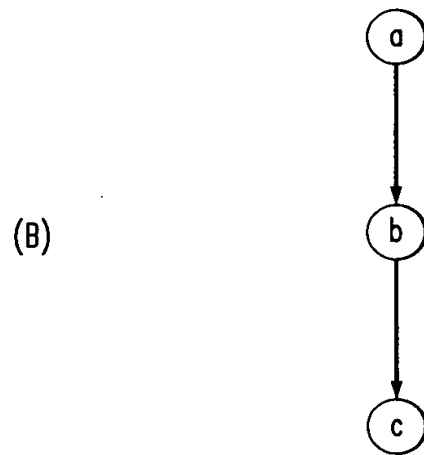
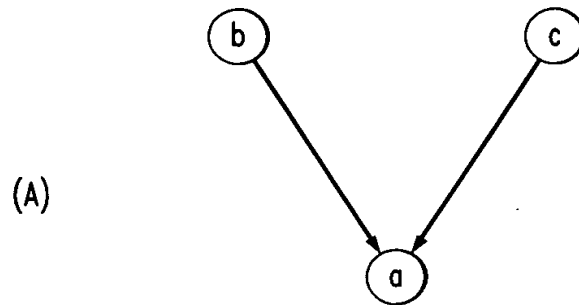


FIG. 2A

T_1:	{a, b, c, d, e, f, g}
T_2:	{d, f, g}
T_3:	{a, b, d, g}
T_4:	{a, d, g}
T_5:	{f, g}
T_6:	{e, f}
T_7:	{e}
T_8:	{h, i}
T_9:	{h, j}
T_10:	{j}

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PATTERNS	COUNT
a b	2
a d	3
a e	1
a f	1
a g	3
:	:

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PATTERNS	COUNT
a	3
b	2
c	1
d	4
e	3
f	4
g	5
h	2
i	1
j	2

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EXAMPLE FOR DEPENDENCY

{ag}: FREQUENT, IS NOT d-PATTERN WITH 95% CONFIDENCE
 $p(a) = 3/10$; $p(g) = 5/10$; $p^* = 3/10 * 5/10 = 0.15$
 $minsup(\{a,g\}) = 10 * 0.15 + 1.86 * \sqrt{10 * 0.15 * (1-0.15)}$
 $= 3.6$

{ab}: IS NOT FREQUENT, BUT IS d-PATTERN WITH 95% CONFIDENCE
 $p(a) = 3/10$, $p(b) = 2/10$, $p^* = 2/10 * 3/10 = 0.06$
 $minsup(\{a,b\}) = 10 * 0.06 + 1.86 * \sqrt{10 * 0.06 * (1-0.06)}$
 $= 1.99$

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FIG. 2B

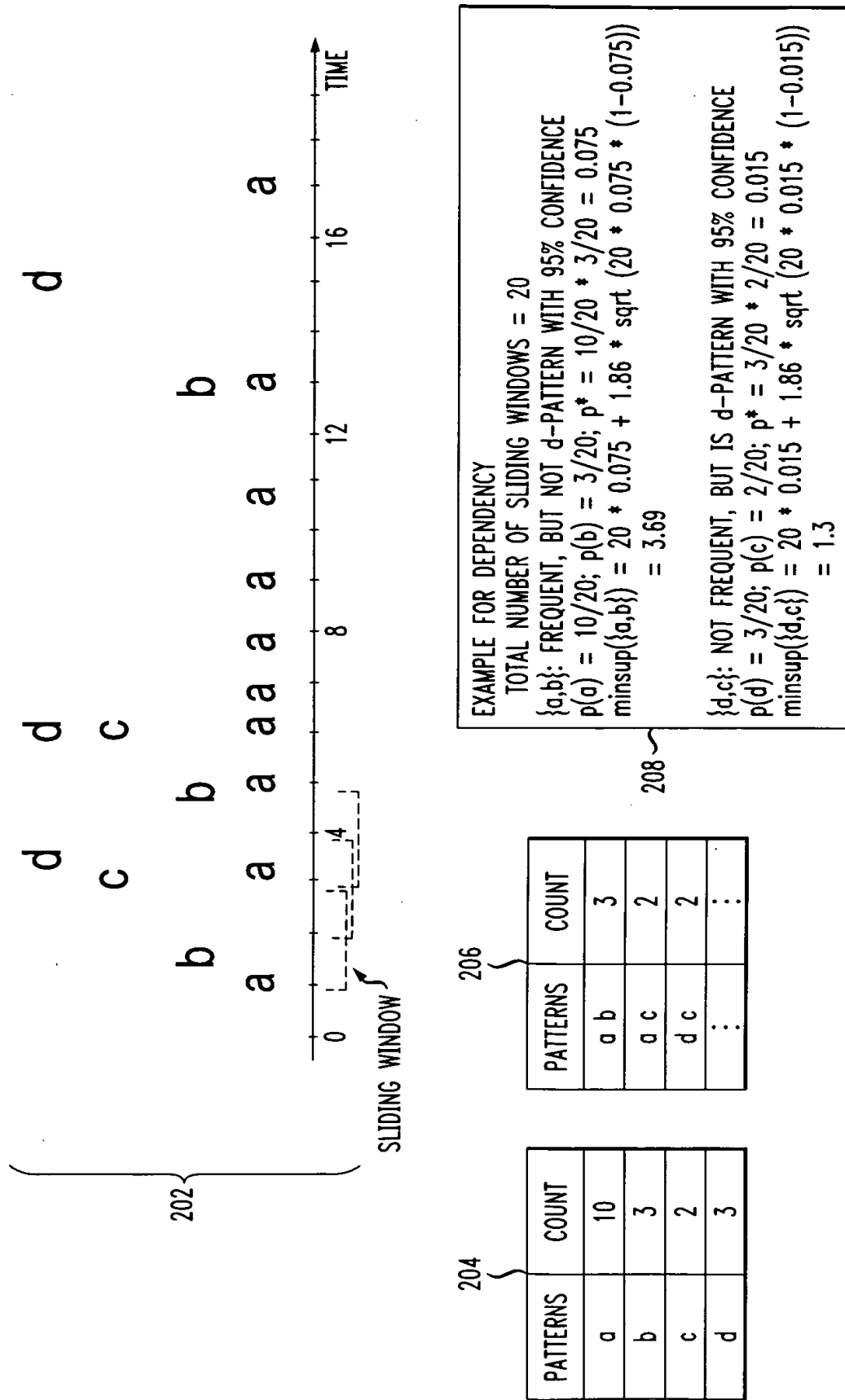


FIG. 3

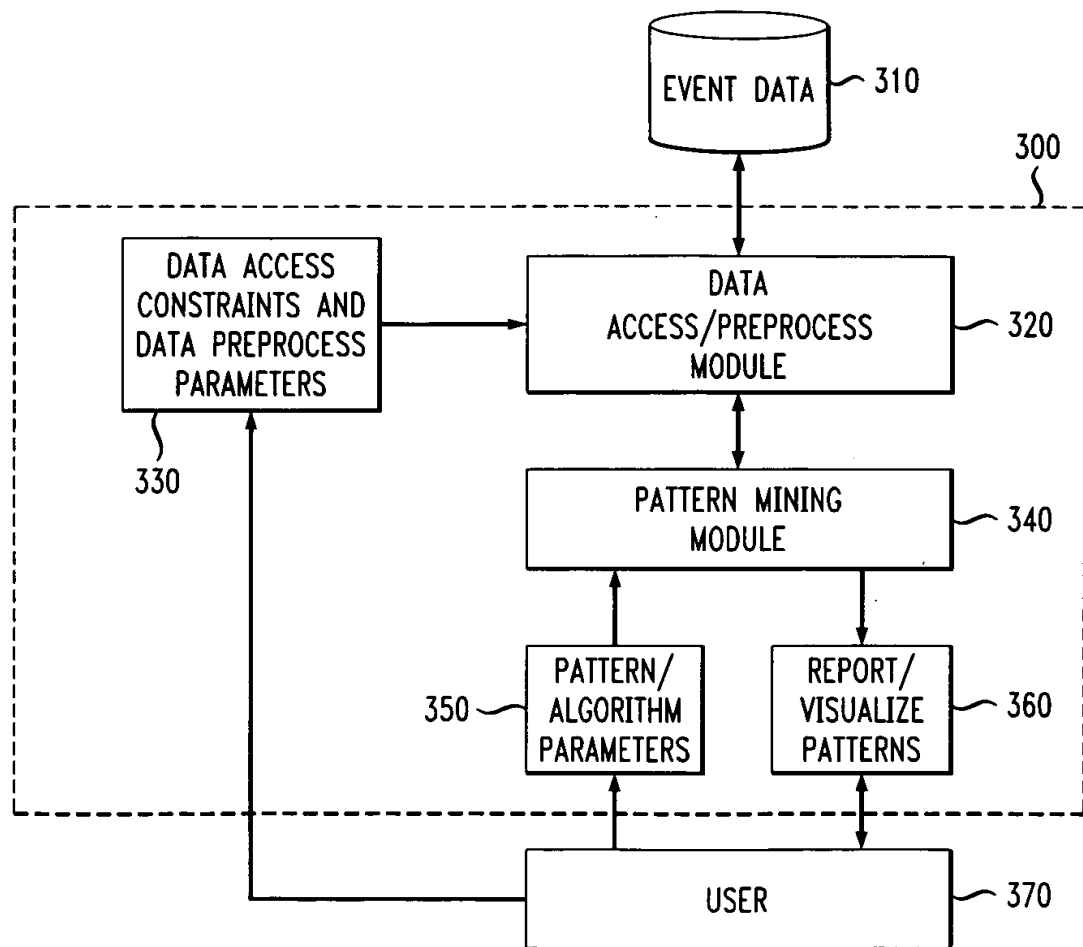


FIG. 4

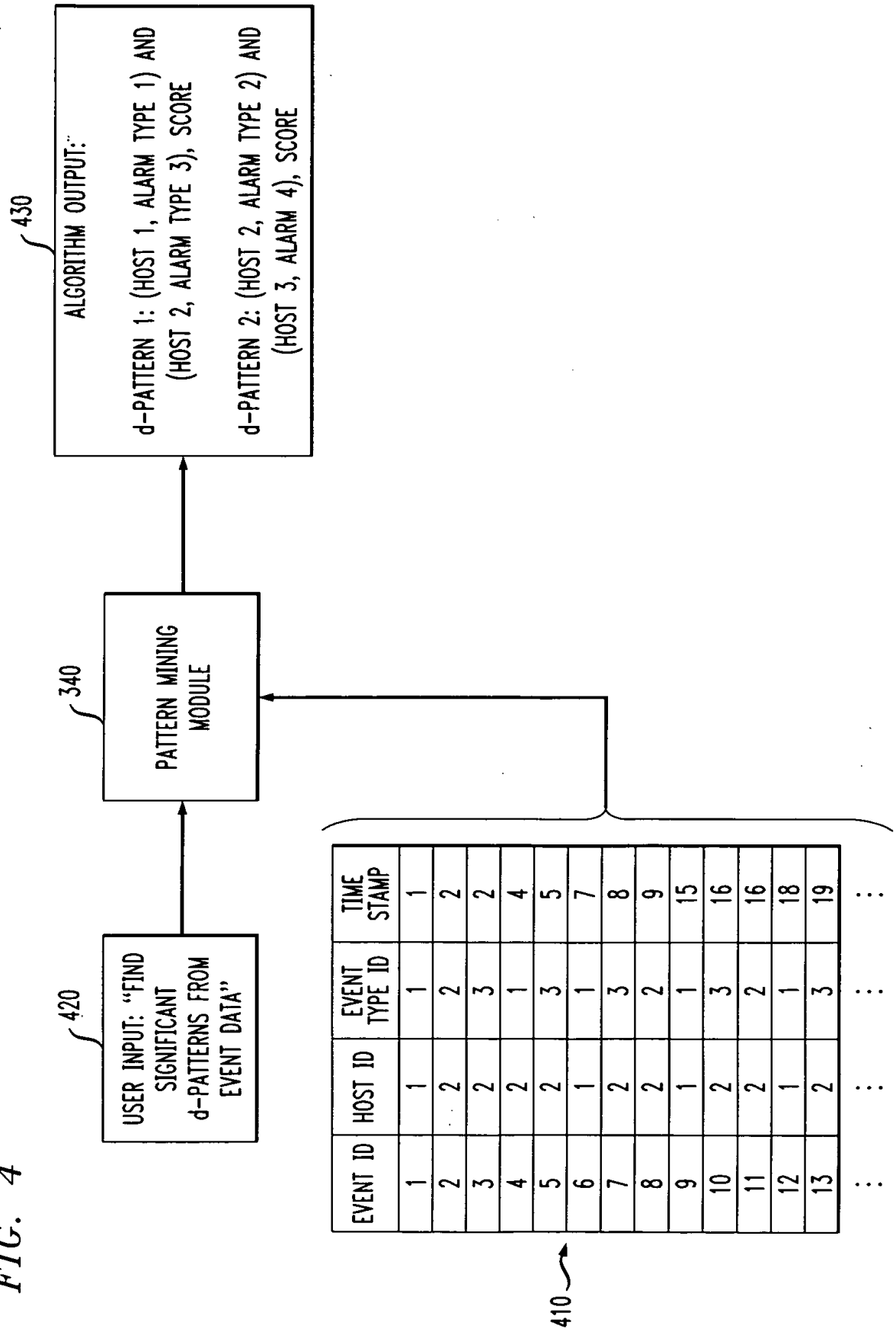


FIG. 5

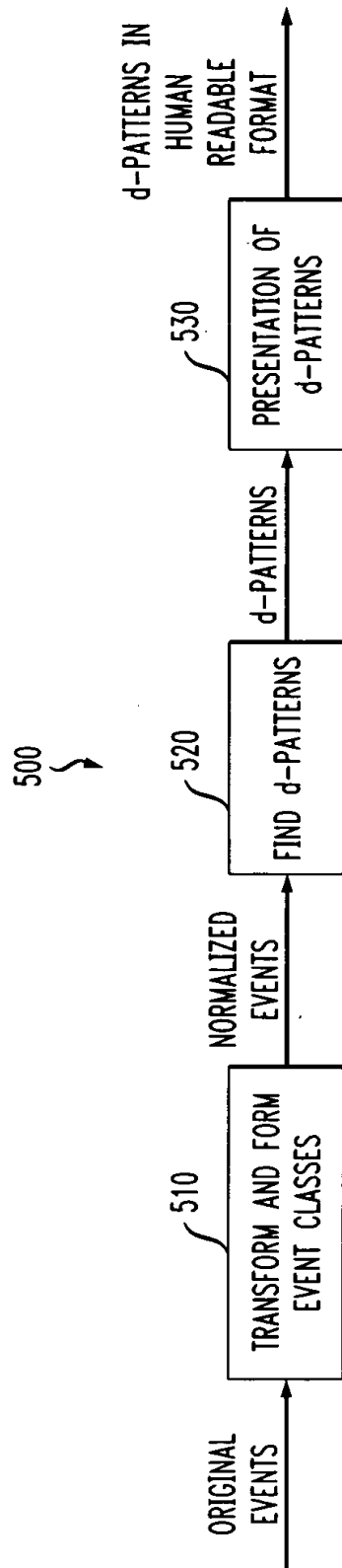


FIG. 6

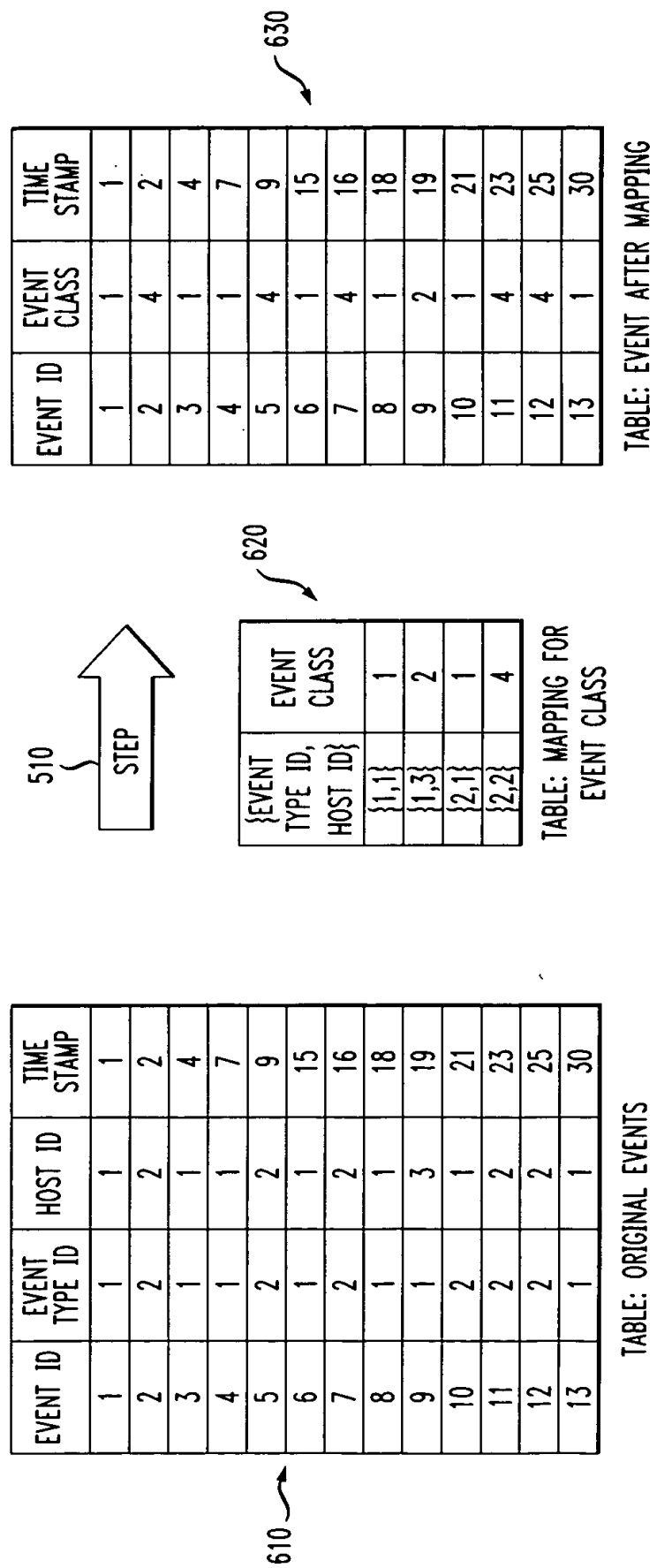


FIG. 7

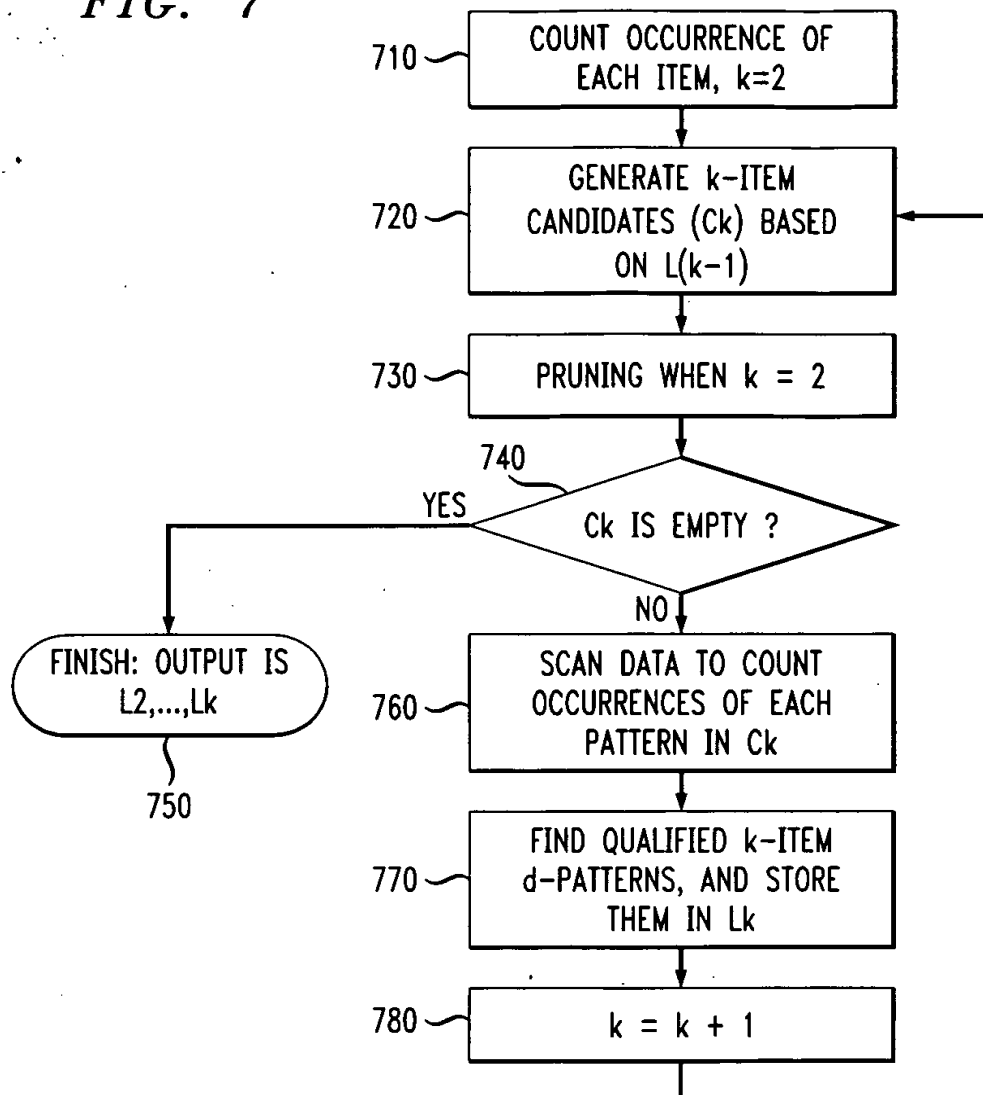


FIG. 8

